## Inclusive Search for Standard Model Higgs Boson Production in the WW Decay Channel using the CDF II Detector

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We present a search for standard model (SM) Higgs boson production using ppbar collision data at sqrt(s) = 1.96 TeV, collected with the CDF II detector and corresponding to an integrated luminosity of 4.8 fb-1. We search for Higgs bosons produced in all processes with a significant production rate and decaying to two W bosons. We find no evidence for SM Higgs boson production and place upper limits at the 95% confidence level on the SM production cross section (sigma(H)) for values of the Higgs boson mass (m\_H) in the range from 110 to 200 GeV. These limits are the most stringent for m\_H > 130 GeV and are 1.29 above the predicted value of sigma(H) for mH = 165 GeV.

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